

 **DOCKET NO.: ELSE-0826/E20030010**

JFW
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Kenneth C. Shuey

Application No.: 10/803,212

Filing Date: March 18, 2004

Confirmation No.: 5828

Group Art Unit: 2829

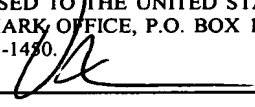
Examiner: Not Yet Assigned

For: REDUCING POWER CONSUMPTION OF ELECTRICAL METERS

DATE OF DEPOSIT:

10/20/04

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.


TYPED NAME: Vincent J. Roccia
REGISTRATION NO.: 43,887

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers **227 thru 304** listed on the attached Form PTO-1449 are enclosed herewith.

- ☒ Copies of reference numbers **1 thru 226** on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

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Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date:

10/20/04



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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. ELSE-0826/E20030010		Application No. 10/803,212	
				Applicant Kenneth C. Shuey			
				Filing Date March 18, 2004		Group 2829	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	1	3,455,815	05/20/69	Saltzberg et al.	340	163	
	2	3,858,212	12/31/74	Tompkins et al.	343	100 CS	
	3	3,878,512	04/15/75	Kobayashi et al.	340	168 R	
	4	3,973,240	08/03/76	Fong	340	151	
	5	3,976,941	08/24/76	Milcovic	324	142	
	6	4,031,513	06/21/77	Simciak	340	152 T	
	7	4,056,107	11/01/77	Todd et al.	130	27 R	
	8	4,132,981	01/02/79	White	340	203	
	9	4,156,273	05/22/79	Sato	363	21.16	
	10	4,190,800	02/26/80	Kelly, Jr. et al.	325	37	
	11	4,204,195	05/20/80	Bogacki	340	151	
	12	4,209,826	06/24/80	Priegnitz	363	21.07	
	13	4,218,737	08/19/80	Buscher et al.	364	493	
	14	4,250,489	02/10/81	Dudash et al.	340	147 T	
	15	4,254,472	03/03/81	Juengel et al.	364	900	
	16	4,319,358	03/09/82	Sepp	375	1	
	17	4,321,582	03/23/82	Banghart	340	310 R	
	18	4,361,890	11/30/82	Green, Jr. et al.	375	1	
	19	4,389,702	06/21/83	Clemente, et al.	363	56	
	20	4,405,829	09/20/83	Rivest et al.	178	22.14	
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U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	21	4,415,896	11/15/83	Allgood	340	870.03	
	22	4,438,485	03/20/84	Voigt	363	21.1	
	23	4,466,001	08/14/84	Moore et al.	340	825.08	
	24	4,497,017	01/29/85	Davis	363	49	
	25	4,504,831	03/12/85	Jahr et al.	340	870.03	
	26	4,506,386	03/19/85	Ichikawa et al.	455	343	
	27	4,525,861	06/25/85	Freeburg	455	33	
	28	4,566,060	01/21/86	Hoeksma	363	131	
	29	4,600,923	07/15/86	Hicks et al.	340	870.02	
	30	4,607,320	08/19/96	Matui, et al.	363	21.17	
	31	4,608,699	08/26/86	Batlivala et al.	375	216	
	32	4,611,333	09/09/86	McCallister et al.	375	1	
	33	4,614,945	09/30/86	Brunius et al.	340	870.02	
	34	4,617,566	10/14/86	Diamond	340	870.11	
	35	4,622,627	11/11/86	Rodriguez, et al.	363	37	
	36	4,623,960	11/18/96	Eng	363	21.08	
	37	4,628,313	12/09/86	Gombrich et al.	340	870.02	
	38	4,631,538	12/23/86	Carreno	340	870.18	
	39	4,638,298	01/20/87	Spiro	340	827	
	40	4,644,321	02/17/87	Kennon	340	310 A	
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	41	4,653,076	03/24/87	Jerrim et al.	375	115	
	42	4,680,704	07/14/87	Konicek et al.	364	525	
	43	4,688,038	08/18/87	Giammarese	340	870.02	
	44	4,692,761	09/08/87	Robinton	340	825.01	
	45	4,700,280	10/13/87	Onda, et al.	363	19	
	46	4,707,852	11/17/87	Jahr et al.	379	107	
	47	4,713,837	12/15/87	Gordon	379	93	
	48	4,724,435	02/09/88	Moses et al.	340	870.13	
	49	4,728,950	03/01/88	Hendrikson et al.	340	870.31	
	50	4,734,680	03/29/88	Gehman et al.	340	539	
	51	4,749,992	06/07/88	Fitzmeyer et al.	340	870.02	
	52	4,749,992 B1	06/11/96	Fitzmeyer et al.	340	870.02	
	53	4,757,456	07/12/88	Benghiat	364	464	
	54	4,761,725	08/02/88	Henze	363	46	
	55	4,769,772	09/06/88	Dwyer	364	300	
	56	4,783,748	11/08/88	Swarztrauber et al.	364	483	
	57	4,827,514	05/02/89	Ziolko et al.	380	48	
	58	4,839,645	06/13/89	Lill	340	870.17	
	59	4,841,545	06/20/89	Endo et al.	375	1	
	60	4,860,379	08/22/89	Schoeneberger et al.	455	5	
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U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	61	4,862,493	08/29/89	Venkataraman et al.	379	107	
	62	4,866,587	09/12/89	Wadlington	363	16	
	63	4,868,877	09/19/99	Fischer	380	25	
	64	4,884,021	11/28/89	Hammond et al.	324	142	
	65	4,912,722	03/27/90	Carlin	375	1	
	66	4,922,399	05/01/90	Tsuzki	363	21.08	
	67	4,940,974	07/10/90	Sojka	340	825.080	
	68	4,940,976	07/10/90	Gastouniotis et al.	340	870.02	
	69	4,956,761	09/11/90	Higashi	363	19	
	70	4,958,359	09/18/90	Kato	375	1	
	71	4,964,138	10/16/90	Nease et al.	375	1	
	72	4,965,533	10/23/90	Gilmore	331	18	
	73	4,972,507	11/20/90	Lusignan	455	51	
	74	4,975,592	12/04/90	Hahn, et al.	307	38	
	75	5,019,955	05/28/91	Hoeksma	363	21.07	
	76	5,022,046	06/04/91	Morrow, Jr.	375	1	
	77	5,032,833	07/16/91	Laporte	340	825.02	
	78	5,053,766	10/01/91	Ruiz-del-Portal et al.	340	870.02	
	79	5,053,774	10/01/91	Schuermann et al.	342	44	
	80	5,056,107	10/08/91	Johnson et al.	375	1	
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Examiner Initial		Document No.	Date	Name	Class	Subclass	
	81	5,067,136	11/19/91	Arthur et al.	375	1	
	82	5,079,715	01/07/92	Venkataraman et al.	364	481	
	83	5,086,292	02/04/92	Johnson et al.	340	637	
	84	5,090,024	02/18/92	Vander Mey et al.	375	1	
	85	5,111,479	05/05/92	Akazawa	375	1	
	86	5,115,448	05/19/92	Mori	375	1	
	87	5,132,985	07/21/92	Hashimoto et al.	375	1	
	88	5,136,614	08/04/92	Hiramatsu et al.	375	1	
	89	5,140,511	08/18/92	Lee, et al.	363	21.07	
	90	5,142,694	08/25/92	Jackson et al.	455	67.1	
	91	5,151,866	09/29/92	Glaser et al.	364	483	
	92	5,155,481	10/13/92	Brennan, Jr. et al.	340	870.02	
	93	5,160,926	11/03/92	Schweitzer, III	340	870.02	
	94	5,166,664	11/24/92	Fish	340	539	
	95	5,175,675	12/29/92	Uramoto	363	19	
	96	5,177,767	01/05/93	Kato	375	1	
	97	5,179,376	01/12/93	Pomatto	340	870.02	
	98	5,189,694	02/23/93	Garland	379	106	
	99	5,194,860	03/16/93	Jones et al.	340	370.02	
	100	5,204,877	04/20/93	Endo et al.	375	1	
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	101	5,214,587	05/25/93	Green	364	464.04	
	102	5,225,994	07/06/93	Arinobu et al.	364	492	
	103	5,228,029	07/13/93	Kotzin	370	95.1	
	104	5,229,996	07/20/93	Bäckström et al.	370	100.1	
	105	5,239,575	08/24/93	White et al.	379	107	
	106	5,239,584	08/24/93	Hershey et al.	380	28	
	107	5,243,338	09/07/93	Brennan, Jr. et al.	340	870.02	
	108	5,252,967	10/12/93	Brennan et al.	340	870.02	
	109	5,260,943	11/09/93	Comroe et al.	370	95.1	
	110	5,270,704	12/14/93	Sosa Quintana et al.	340	870.02	
	111	5,280,498	01/18/94	Tymes et al.	375	1	
	112	5,280,499	01/18/94	Suzuki	375	1	
	113	5,285,469	02/08/94	Vanderpool	375	1	
	114	5,287,287	02/15/94	Chamberlain et al.	364	483	
	115	5,289,497	02/22/94	Jacobson et al.	375	1	
	116	5,307,349	04/26/94	Shloss et al.	370	85.2	
	117	5,315,531	05/24/94	Oravetz et al.	364	550	
	118	5,319,679	06/07/94	Bagby	375	106	
	119	5,329,547	07/12/94	Ling	375	1	
	120	5,345,225	09/06/94	Davis	340	635	
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	121	5,359,625	10/25/94	Vander Mey et al.	375	1	
	122	5,381,462	01/10/95	Larson et al.	379	107	
	123	5,383,134	01/17/95	Wrzesinski	364	514	
	124	5,384,712	01/24/95	Oravetz et al.	364	550	
	125	5,387,873	02/07/95	Muller et al.	327	155	
	126	5,390,360	02/14/95	Scop et al.	455	34.2	
	127	5,406,495	04/11/95	Hill	364	483	
	128	5,416,917	05/16/95	Adair et al.	395	500	
	129	5,420,799	05/30/95	Peterson et al.	364	483	
	130	5,432,507	07/11/95	Mussino et al.	340	870.03	
	131	5,432,815	07/11/95	Kang et al.	375	200	
	132	5,438,329	08/01/95	Gastouniotis et al.	340	870.02	
	133	5,448,570	09/05/95	Toda et al.	370	95.3	
	134	5,450,088	09/12/95	Meier et al.	342	51	
	135	5,452,465	09/19/95	Geller et al.	395	800	
	136	5,455,533	10/03/95	Köllner	327	484	
	137	5,455,544	10/03/95	Kechkaylo	332	103	
	138	5,455,822	10/03/95	Dixon et al.	370	18	
	139	5,457,621	10/10/95	Munday, et al.	363	56	
	140	5,457,713	10/10/95	Sanderford, Jr. et al.	375	206	
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	141	5,461,558	10/24/95	Patsiokas et al.	364	145	
	142	5,463,657	10/31/95	Rice	375	200	
	143	5,473,322	12/05/95	Carney	340	870.02	
	144	5,475,742	12/12/95	Gilbert	379	106	
	145	5,475,867	12/12/95	Blum	455	53.1	
	146	5,479,442	12/26/95	Yamamoto	375	206	
	147	5,481,259	01/02/96	Bane	340	870.03	
	148	5,491,473	02/13/96	Gilbert	340	870.01	
	149	5,493,287	02/20/96	Bane	340	825.520	
	150	5,495,239	02/27/96	Ouellette	340	870.02	
	151	5,497,424	03/05/96	Vanderpool	380	34	
	152	5,499,243	03/12/96	Hall	370	85.8	
	153	5,500,871	03/19/96	Kato et al.	375	208	
	154	5,511,188	04/23/96	Pascucci et al.	395	600	
	155	5,519,388	05/21/96	Adair, Jr.	340	870.02	
	156	5,522,044	05/28/96	Pascucci et al.	395	200.06	
	157	5,526,389	06/11/96	Buell et al.	375	200	
	158	5,528,507	06/18/96	McNamara et al.	364	483	
	159	5,528,597	06/18/96	Gerszberg et al.	370	95.3	
	160	5,539,775	07/23/96	Tuttle et al.	375	200	
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	161	5,541,589	07/30/96	Delaney	340	870.02	
	162	5,544,036	08/06/96	Brown, Jr. et al.	364	145	
	163	5,546,424	08/13/96	Miyake	375	206	
	164	5,548,527	08/20/96	Hemminger et al.	364	492	
	165	5,548,633	08/20/96	Kujawa et al.	379	93	
	166	5,553,094	09/03/96	Johnson et al.	375	200	
	167	5,555,508	09/10/96	Munday et al.	364	492	
	168	5,559,870	09/24/96	Patton et al.	379	107	
	169	5,566,332	10/15/96	Adair et al.	395	600	
	170	5,572,438	11/05/96	Ehlers et al.	364	492	
	171	5,590,179	12/31/96	Shincovich et al.	379	107	
	172	5,592,470	01/07/97	Rudrapatna et al.	370	320	
	173	5,594,740	01/14/97	LaDue	379	59	
	174	5,602,744	02/11/97	Meek et al.	364	464.22	
	175	5,619,685	04/08/97	Schiavone	395	500	
	176	5,621,629	04/15/97	Hemminger et al.	363	56	
	177	5,627,759	05/06/97	Bearden et al.	364	483	
	178	5,631,636	05/20/97	Bane	340	825.69	
	179	5,640,679	06/17/97	Lundqvist et al.	455	33.2	
	180	5,659,300	08/19/97	Dresselhuys et al.	340	870.02	
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	181	5,684,472	11/04/97	Bane	340	870.02	
	182	5,684,799	11/04/97	Bigham et al.	370	397	
	183	5,691,715	11/25/97	Ouellette	340	870.09	
	184	5,692,180	11/25/97	Lee	395	610	
	185	5,696,501	12/09/97	Ouellette et al.	340	870.02	
	186	5,696,765	12/09/97	Safadi	370	436	
	187	5,699,276	12/16/97	Roos	364	514 A	
	188	5,715,390	02/03/98	Hoffman et al.	395	188.01	
	189	5,717,604	02/10/98	Wiggins	364	514 C	
	190	5,745,901	04/28/98	Entner et al.	707	103	
	191	5,748,104	05/05/98	Argyroudis et al.	340	870.11	
	192	5,751,914	05/12/98	Coley et al.	395	51	
	193	5,751,961	05/12/98	Smyk	395	200.47	
	194	5,754,772	05/19/98	Leaf	395	200.33	
	195	5,754,830	05/19/98	Butts et al.	395	500	
	196	5,778,368	07/07/98	Hogan et al.	707	10	
	197	5,787,437	07/28/98	Potterveld et al.	707	103	
	198	5,790,789	08/04/98	Suarez	395	200.32	
	199	5,790,809	08/04/98	Holmes	395	200.58	
	200	5,805,712	09/08/98	Davis	380	50	
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	202	5,822,521	10/13/98	Gartner et al.	395	200.6	
	203	5,862,391	01/19/99	Salas et al.	395	750.01	
	204	5,872,774	02/16/99	Wheatley III et al.	370	335	
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	207	5,875,402	02/23/99	Yamawaki	455	502	
	208	5,897,607	04/27/99	Jenney et al.	702	62	
	209	5,898,387	04/27/99	Davis et al.	340	870.02	
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	211	5,943,375	08/24/99	Veintimilla	375	355	
	212	5,963,146	10/5/99	Johnson et al.	340	870.01	
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	214	6,041,056	03/21/00	Bigham et al.	370	395	
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				Applicant Kenneth C. Shuey			
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	222	6,150,955	11/21/00	Tracy et al.	340	870.02	
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	225	6,199,068 B1	03/06/01	Carpenter	707	100	
	226	6,246,677 B1	06/12/01	Nap et al.	370	346	
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